

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042021\
 Data File : PR050014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2021 17:58
 Operator : DD\AJ
 Sample : M2083-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 A4325

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:02:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.637	3.821	49614968	81472226	11.153	11.040
2)	SA Decachlor...	10.510	8.852	100.1E6	132.3E6	15.170	15.831
Target Compounds							
3)	L1 AR-1016-1	5.784	0.000	1484910	0	6.999	N.D. #
4)	L1 AR-1016-2	5.852	0.000	3478113	0	11.555	N.D. #
5)	L1 AR-1016-3	5.932	0.000	1788353	0	9.856	N.D. #
6)	L1 AR-1016-4	5.985	0.000	781839	0	5.154	N.D. #
7)	L1 AR-1016-5	6.293	0.000	1497636	0	9.742	N.D. #
8)	L2 AR-1221-1	4.860	4.077f	1638572	8066934	29.699	99.057 #
9)	L2 AR-1221-2	4.948	4.105	664849	2796242	16.566	48.107 #
10)	L2 AR-1221-3	5.026	4.194	4188240	4694269	31.260	23.894
11)	L3 AR-1232-1	5.026	4.194	4188240	4694269	39.408	30.498
12)	L3 AR-1232-2	5.618f	0.000	927480	0	15.296	N.D. #
13)	L3 AR-1232-3	5.852	0.000	3478113	0	27.726	N.D. #
14)	L3 AR-1232-4	5.985	0.000	781839	0	12.436	N.D. #
16)	L4 AR-1242-1	5.784	0.000	1484910	0	7.775	N.D. #
17)	L4 AR-1242-2	5.852	0.000	3478113	0	12.982	N.D. #
18)	L4 AR-1242-3	5.932	0.000	1788353	0	10.966	N.D. #
19)	L4 AR-1242-4	5.985	0.000	781839	0	5.751	N.D. #
20)	L4 AR-1242-5	6.742	5.709	2212943	6877900	13.973	28.892 #
21)	L5 AR-1248-1	5.784	0.000	1484910	0	11.579	N.D. #
23)	L5 AR-1248-3	6.293	0.000	1497636	0	7.170	N.D. #
24)	L5 AR-1248-4	6.709	0.000	1067192	0	4.262	N.D. #
25)	L5 AR-1248-5	6.742	5.709f	2212943	6877900	9.141	22.492 #
26)	L6 AR-1254-1	6.671	5.709	4803369	6877900	13.730	10.511
27)	L6 AR-1254-2	6.889	5.854	25100697	28625493	45.164	50.906
28)	L6 AR-1254-3	7.261	6.272	7373715	8450611	11.769	8.587 #
29)	L6 AR-1254-4	7.546	6.483	20800339	17848771	43.285	29.544 #
30)	L6 AR-1254-5	7.966	6.900	286.0E6	293.5E6	535.087	336.811 #
31)	L7 AR-1260-1	7.422	6.387	103.6E6	138.8E6	364.188	344.350
32)	L7 AR-1260-2	7.679	6.573	220.4E6	296.3E6	628.228	603.044
33)	L7 AR-1260-3	8.037	6.727	135.2E6	123.0E6	493.887	261.245 #
34)	L7 AR-1260-4	8.272	7.198	136.2E6	147.6E6	419.927	367.009
35)	L7 AR-1260-5	8.608	7.437	276.9E6	397.8E6	408.253	398.098
36)	L8 AR-1262-1	8.037	6.900	135.2E6	293.5E6	275.402	823.139 #
37)	L8 AR-1262-2	8.608	7.437	276.9E6	397.8E6	293.194	303.911
38)	L8 AR-1262-3	8.956	7.721	196.9E6	90307483	315.391	185.016 #
39)	L8 AR-1262-4	9.011	7.783	101.6E6	338.1E6	220.057	351.854 #
40)	L8 AR-1262-5	9.725	8.283	63187533	96525716	187.450	223.046
41)	L9 AR-1268-1	8.956	7.721	196.9E6	90307483	191.255	65.846 #
42)	L9 AR-1268-2	9.011	7.783	101.6E6	338.1E6	108.440	265.143 #
43)	L9 AR-1268-3	9.251	7.994	10224496	5048275	12.798	4.748 #
44)	L9 AR-1268-4	9.725	8.283	63187533	96525716	180.207	212.752

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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.157	8.586	21751623	25271509	7.905	7.292

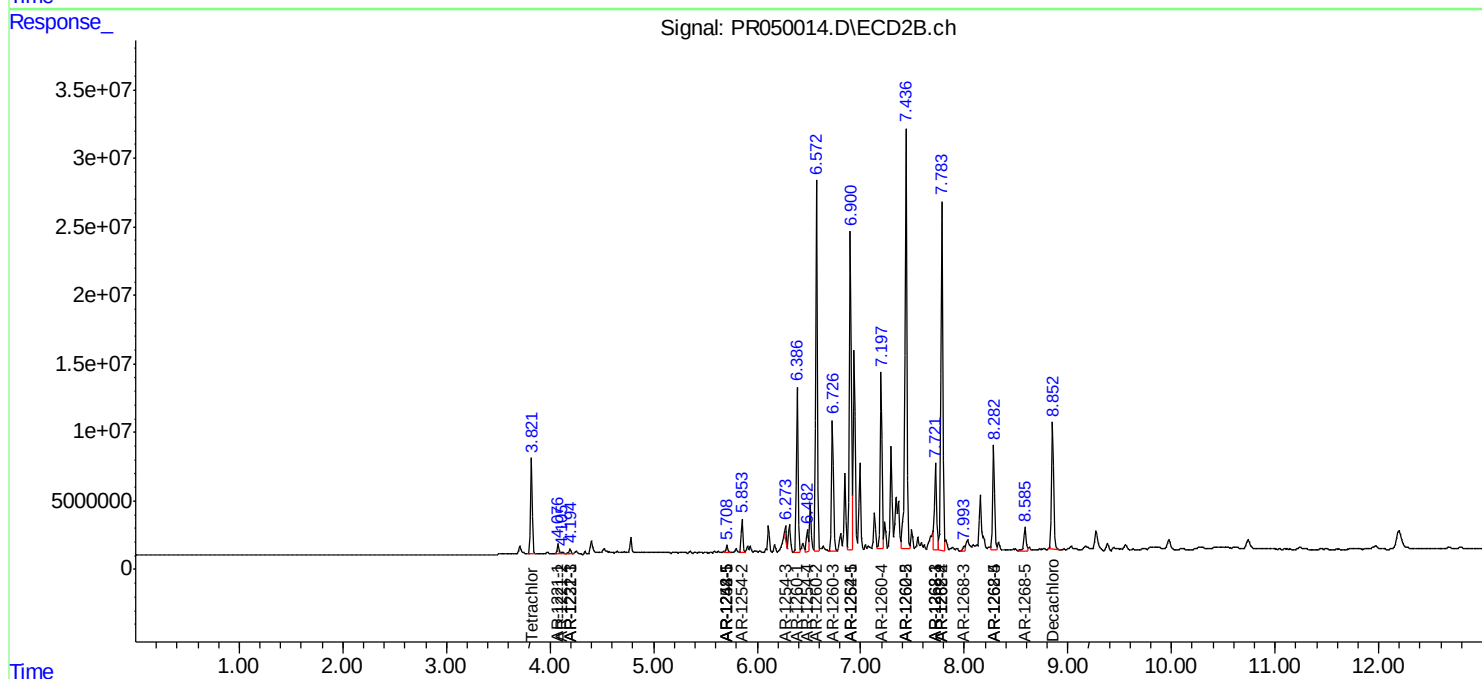
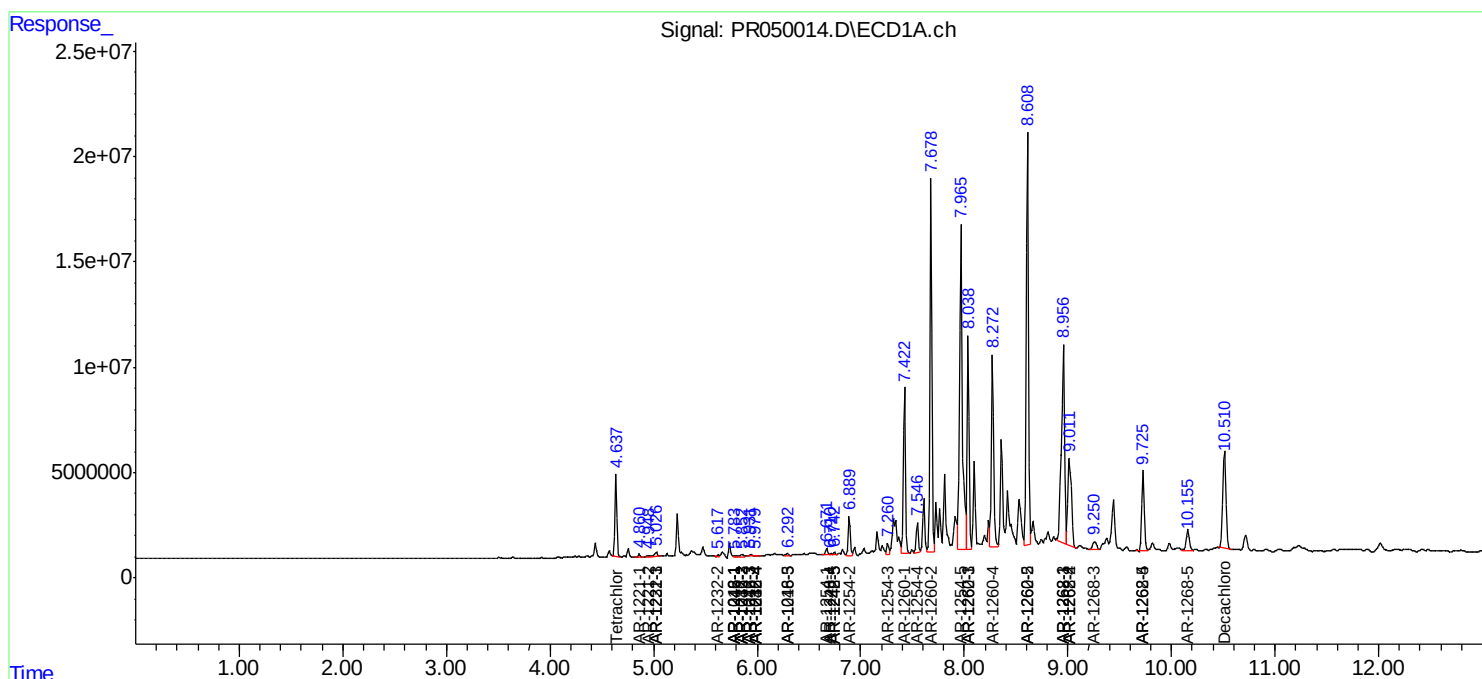
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

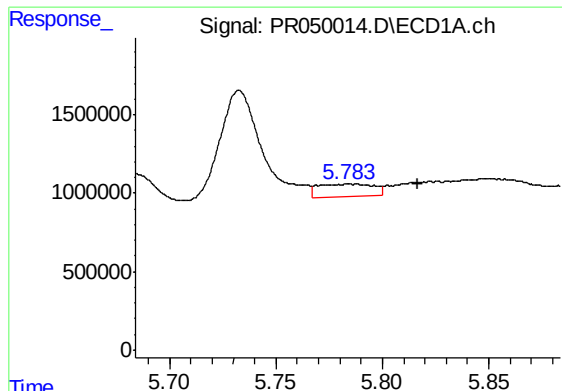
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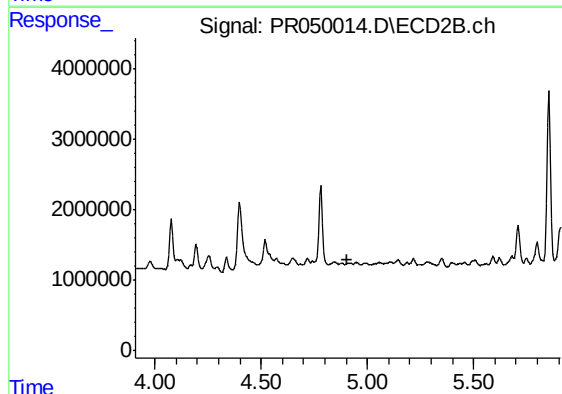




#3 AR-1016-1

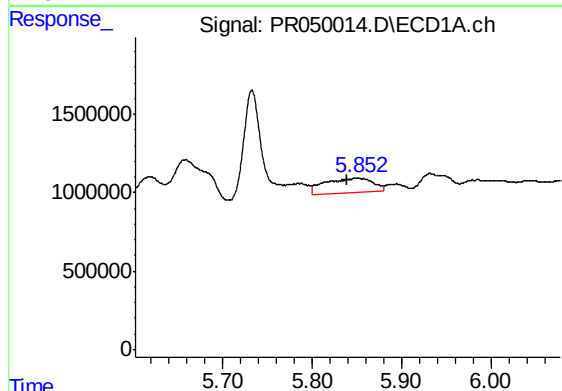
R.T.: 5.784 min
Delta R.T.: -0.033 min
Response: 1484910
Conc: 7.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



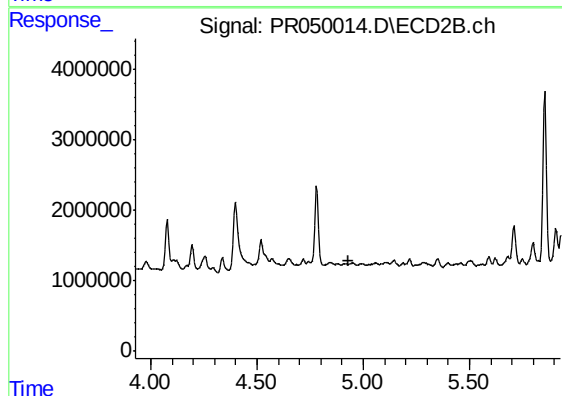
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



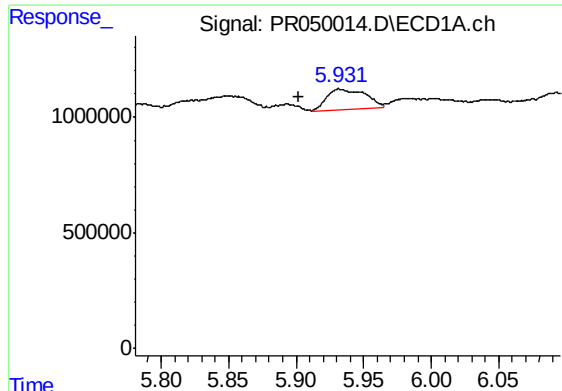
#4 AR-1016-2

R.T.: 5.852 min
Delta R.T.: 0.012 min
Response: 3478113
Conc: 11.56 ng/ml



#4 AR-1016-2

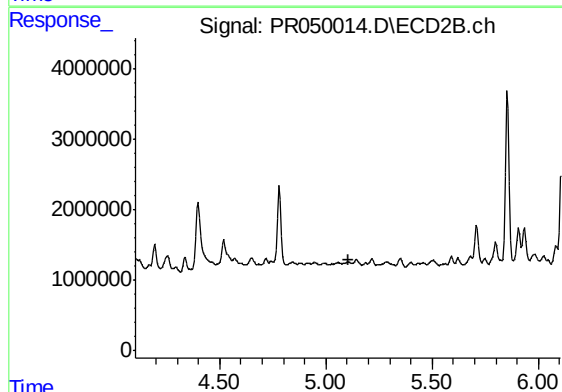
R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#5 AR-1016-3

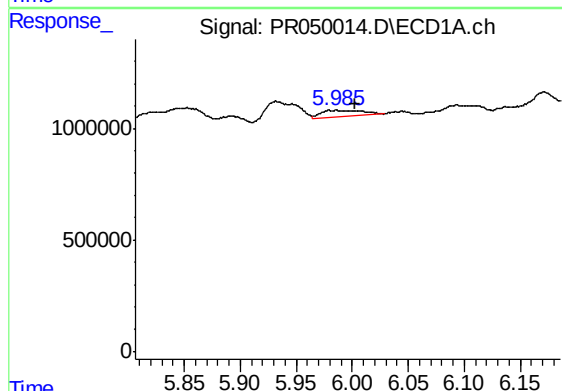
R.T.: 5.932 min
Delta R.T.: 0.030 min
Response: 1788353
Conc: 9.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



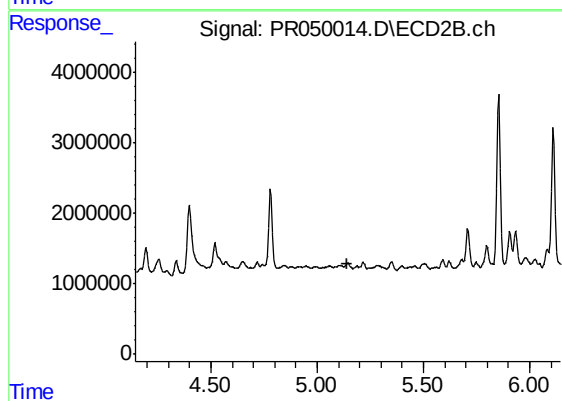
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



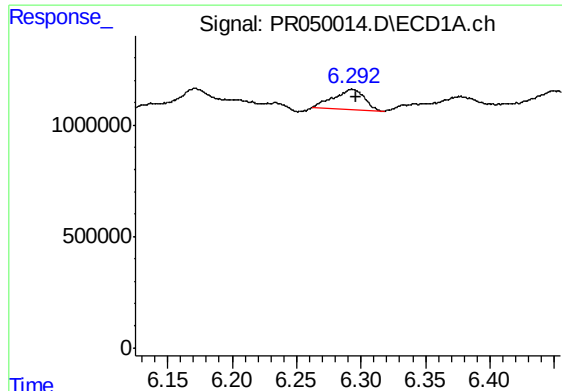
#6 AR-1016-4

R.T.: 5.985 min
Delta R.T.: -0.017 min
Response: 781839
Conc: 5.15 ng/ml



#6 AR-1016-4

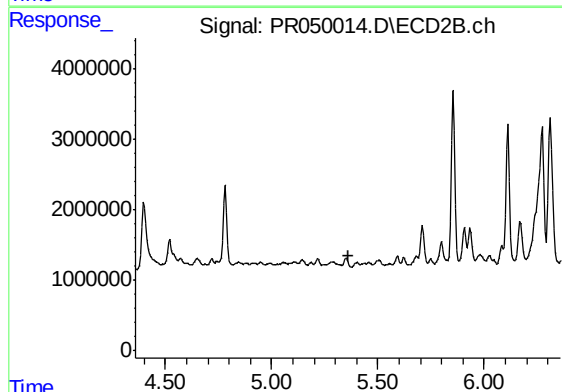
R.T.: 0.000 min
Exp R.T. : 5.145 min
Response: 0
Conc: N.D.



#7 AR-1016-5

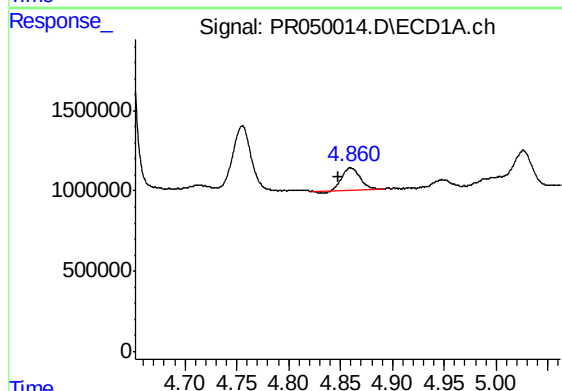
R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 1497636
Conc: 9.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



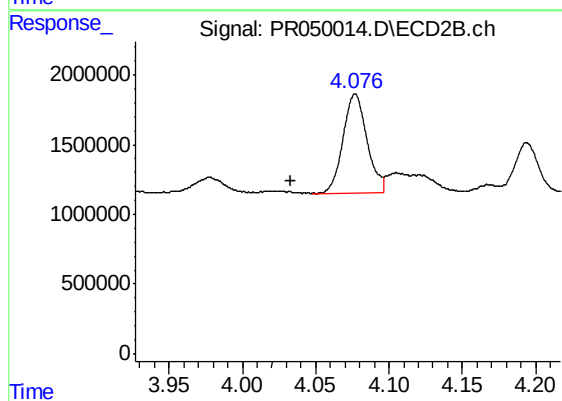
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.359 min
Response: 0
Conc: N.D.



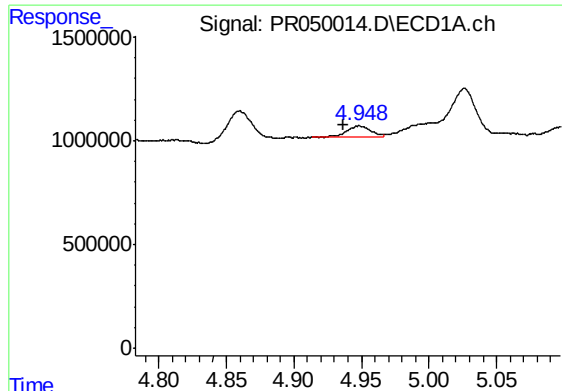
#8 AR-1221-1

R.T.: 4.860 min
Delta R.T.: 0.011 min
Response: 1638572
Conc: 29.70 ng/ml



#8 AR-1221-1

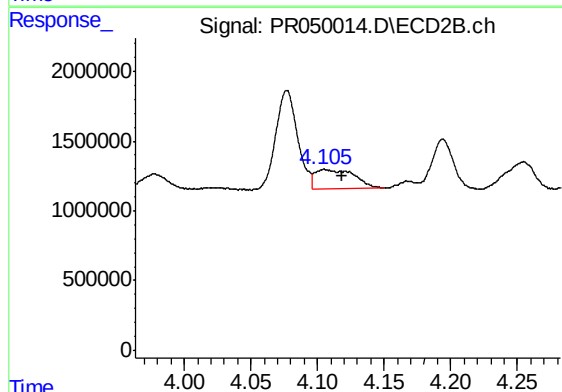
R.T.: 4.077 min
Delta R.T.: 0.044 min
Response: 8066934
Conc: 99.06 ng/ml



#9 AR-1221-2

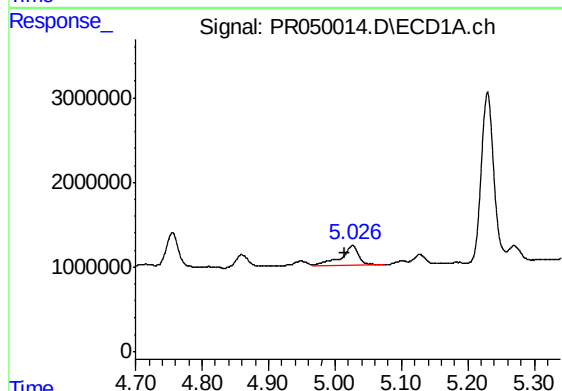
R.T.: 4.948 min
Delta R.T.: 0.012 min
Response: 664849
Conc: 16.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



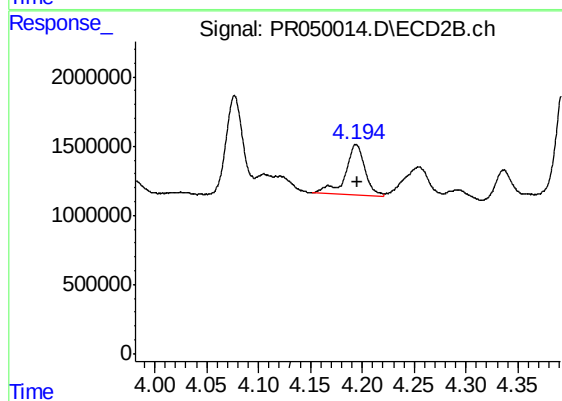
#9 AR-1221-2

R.T.: 4.105 min
Delta R.T.: -0.014 min
Response: 2796242
Conc: 48.11 ng/ml



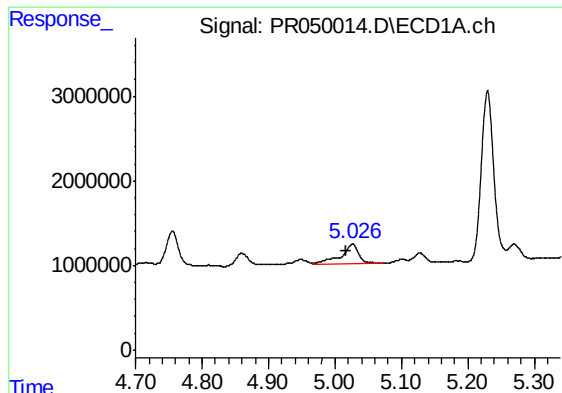
#10 AR-1221-3

R.T.: 5.026 min
Delta R.T.: 0.011 min
Response: 4188240
Conc: 31.26 ng/ml



#10 AR-1221-3

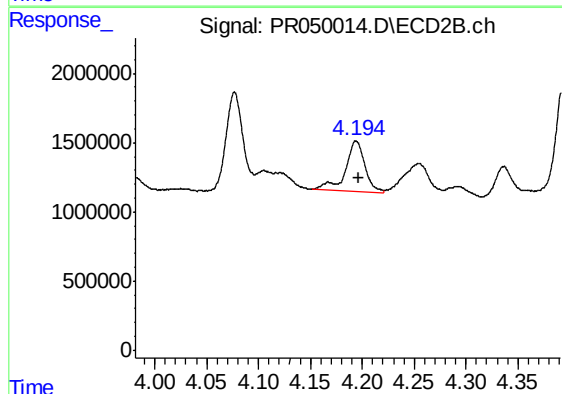
R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 4694269
Conc: 23.89 ng/ml



#11 AR-1232-1

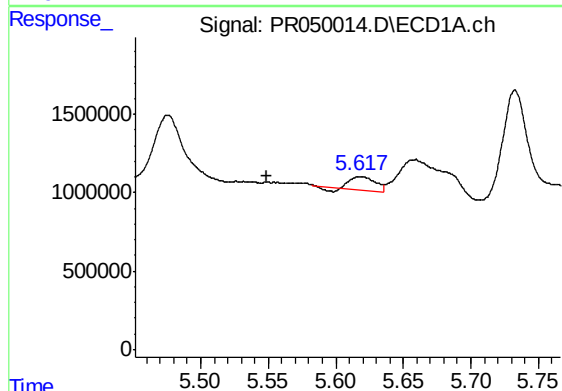
R.T.: 5.026 min
Delta R.T.: 0.010 min
Response: 4188240
Conc: 39.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



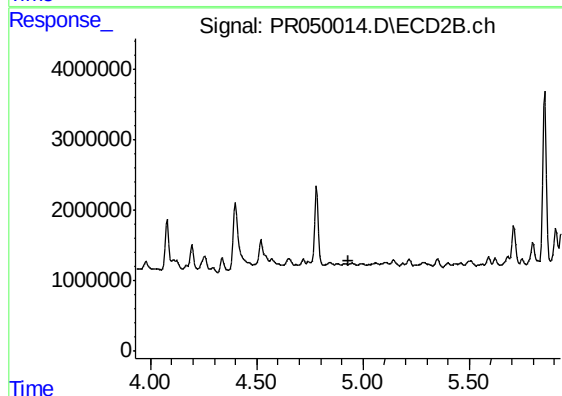
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 4694269
Conc: 30.50 ng/ml



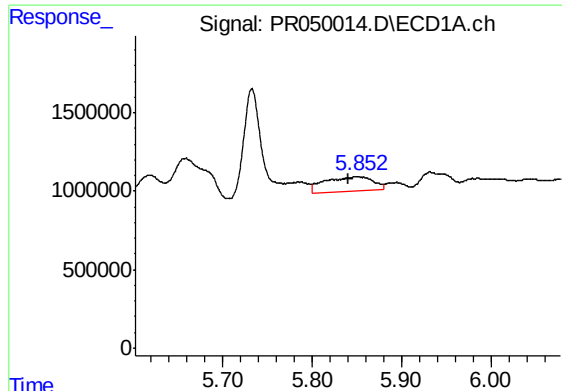
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: 0.070 min
Response: 927480
Conc: 15.30 ng/ml



#12 AR-1232-2

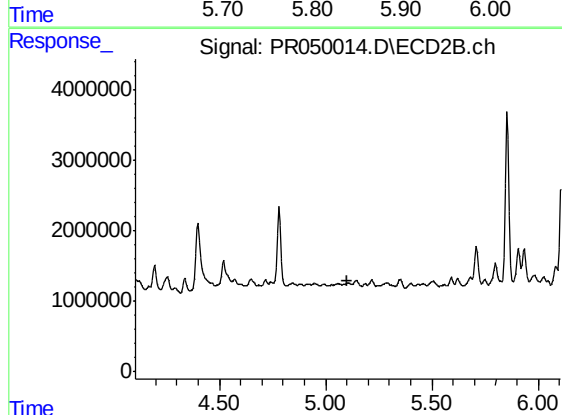
R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#13 AR-1232-3

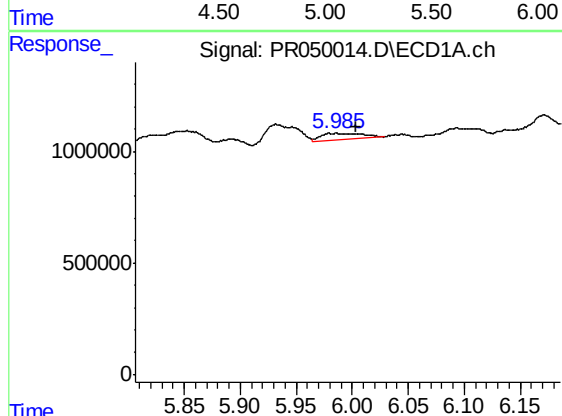
R.T.: 5.852 min
Delta R.T.: 0.011 min
Response: 3478113
Conc: 27.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
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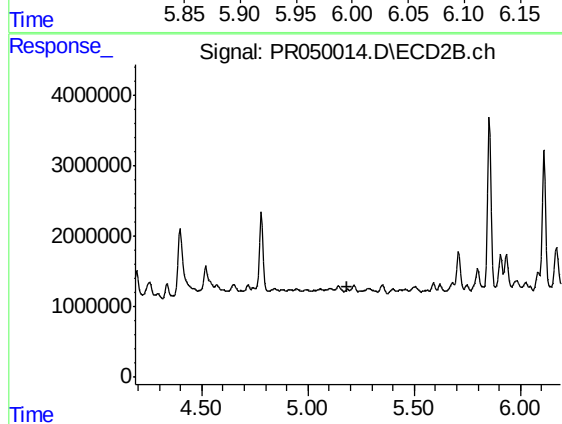
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



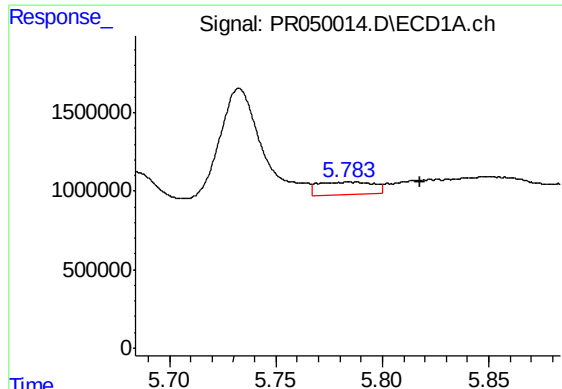
#14 AR-1232-4

R.T.: 5.985 min
Delta R.T.: -0.018 min
Response: 781839
Conc: 12.44 ng/ml



#14 AR-1232-4

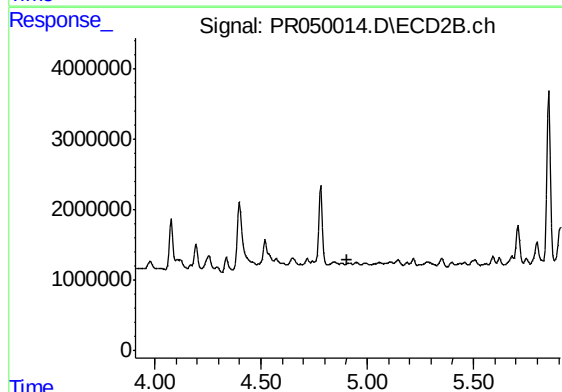
R.T.: 0.000 min
Exp R.T. : 5.188 min
Response: 0
Conc: N.D.



#16 AR-1242-1

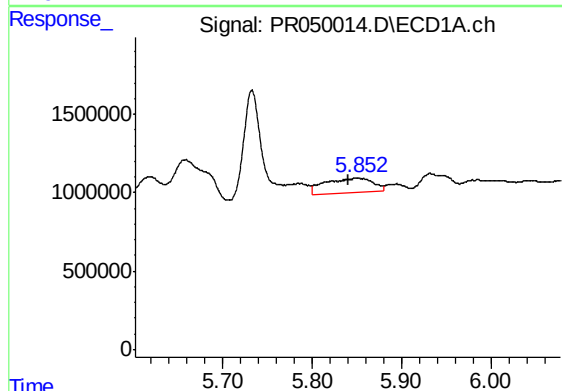
R.T.: 5.784 min
Delta R.T.: -0.034 min
Response: 1484910
Conc: 7.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
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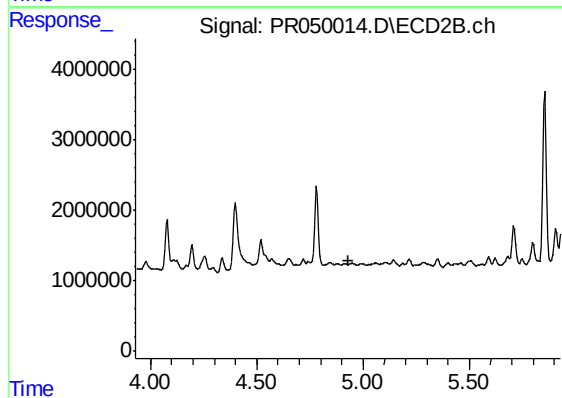
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



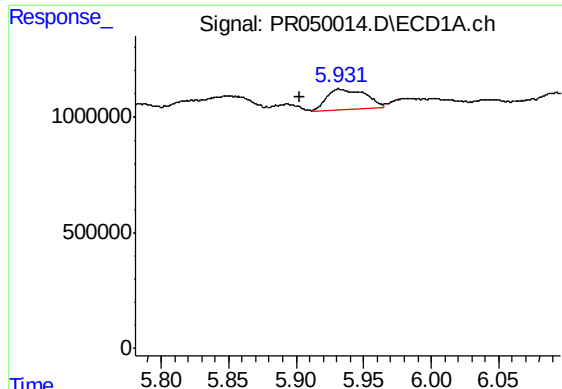
#17 AR-1242-2

R.T.: 5.852 min
Delta R.T.: 0.012 min
Response: 3478113
Conc: 12.98 ng/ml



#17 AR-1242-2

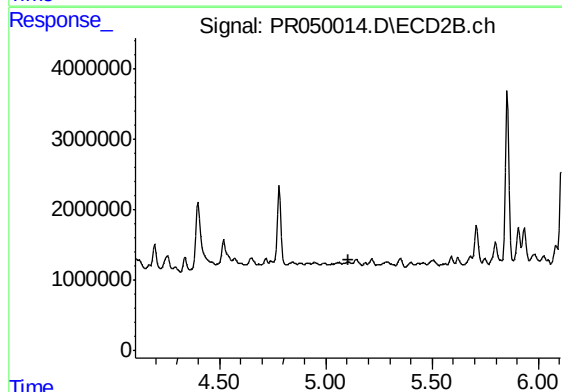
R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#18 AR-1242-3

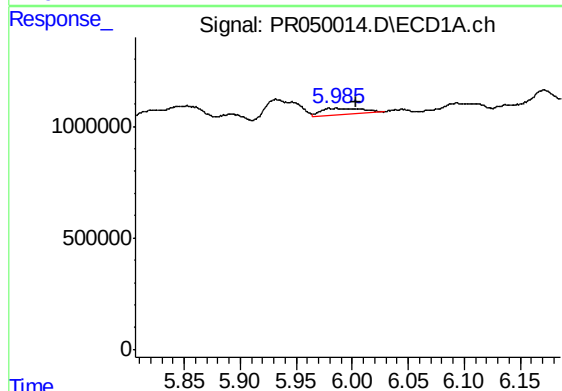
R.T.: 5.932 min
Delta R.T.: 0.029 min
Response: 1788353
Conc: 10.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



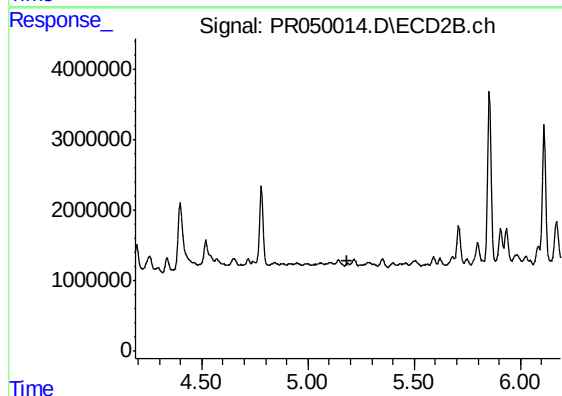
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



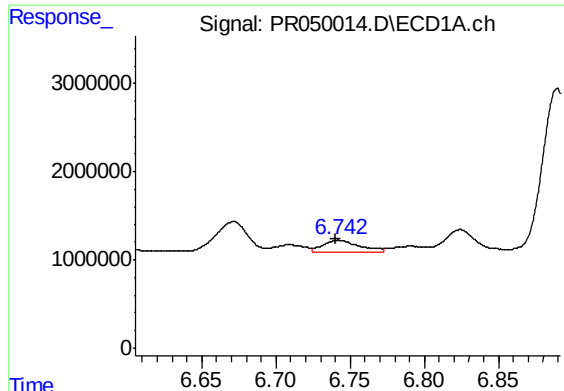
#19 AR-1242-4

R.T.: 5.985 min
Delta R.T.: -0.018 min
Response: 781839
Conc: 5.75 ng/ml



#19 AR-1242-4

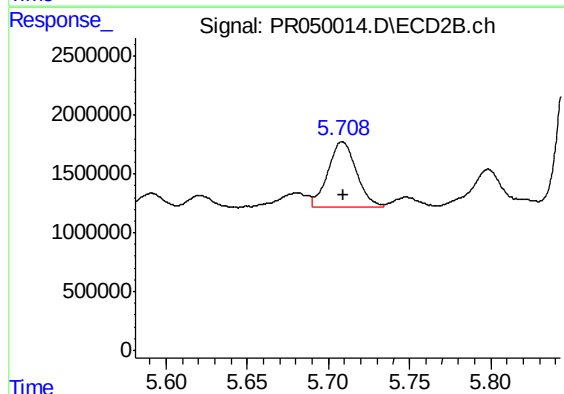
R.T.: 0.000 min
Exp R.T. : 5.188 min
Response: 0
Conc: N.D.



#20 AR-1242-5

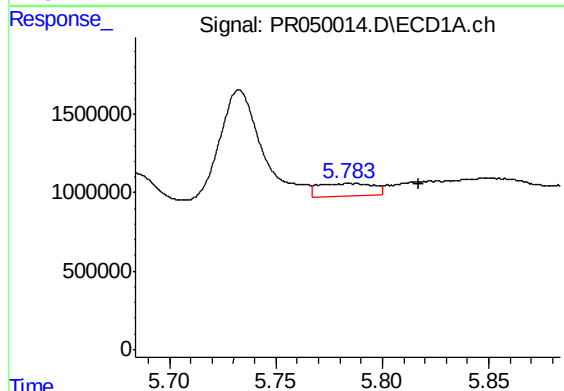
R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 2212943
Conc: 13.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



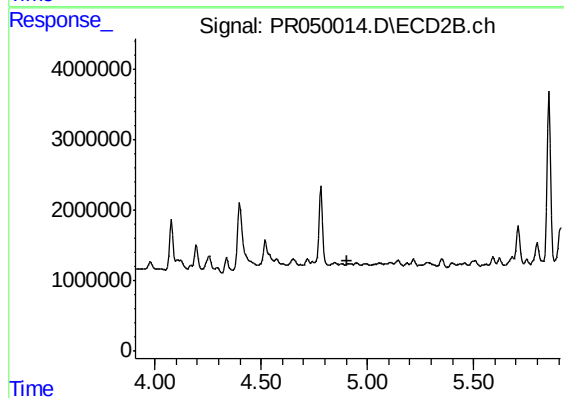
#20 AR-1242-5

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 6877900
Conc: 28.89 ng/ml



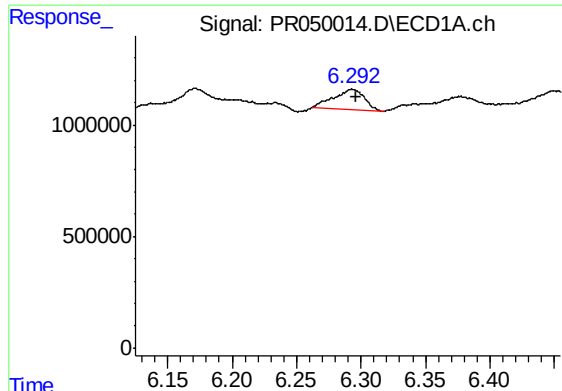
#21 AR-1248-1

R.T.: 5.784 min
Delta R.T.: -0.033 min
Response: 1484910
Conc: 11.58 ng/ml



#21 AR-1248-1

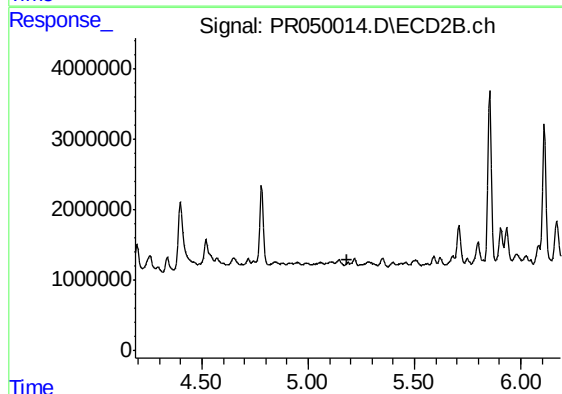
R.T.: 0.000 min
Exp R.T. : 4.908 min
Response: 0
Conc: N.D.



#23 AR-1248-3

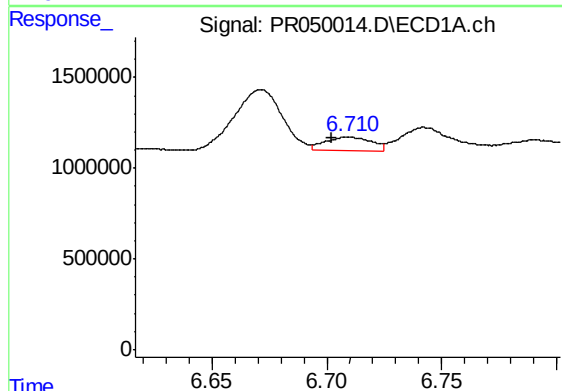
R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 1497636
Conc: 7.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



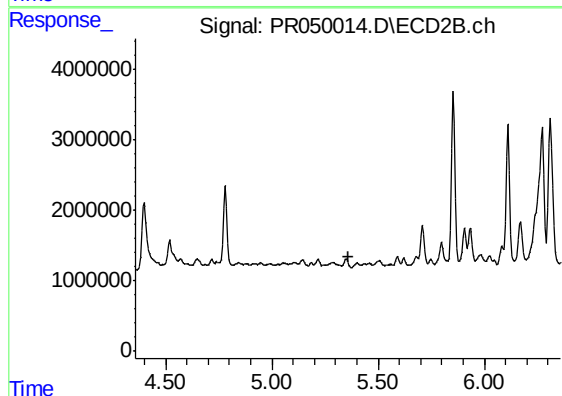
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.187 min
Response: 0
Conc: N.D.



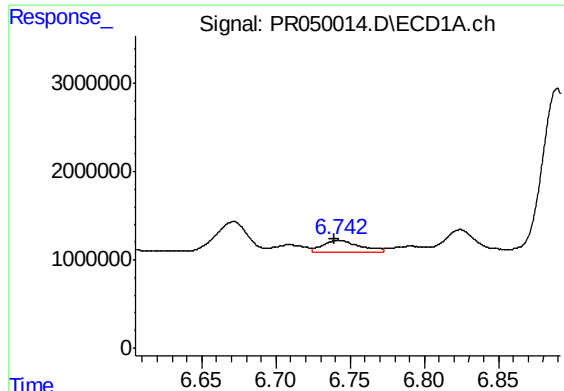
#24 AR-1248-4

R.T.: 6.709 min
Delta R.T.: 0.007 min
Response: 1067192
Conc: 4.26 ng/ml



#24 AR-1248-4

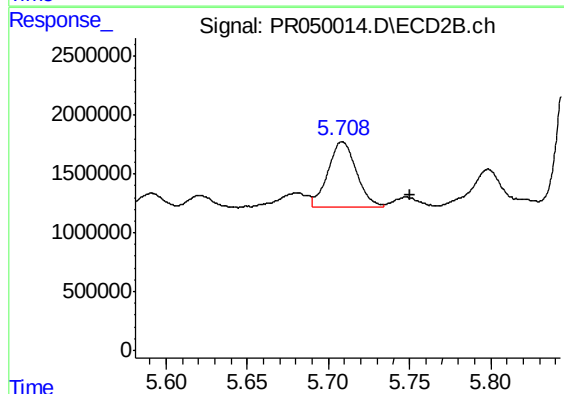
R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



#25 AR-1248-5

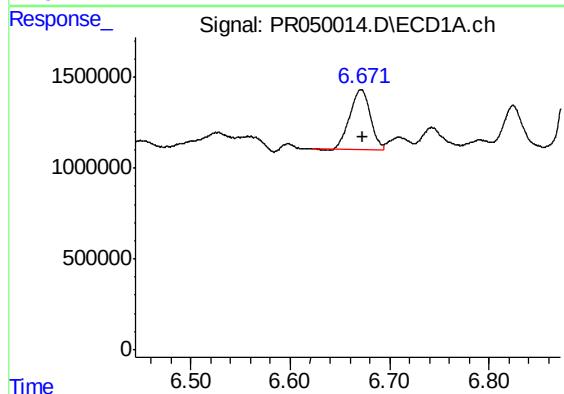
R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 2212943
Conc: 9.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



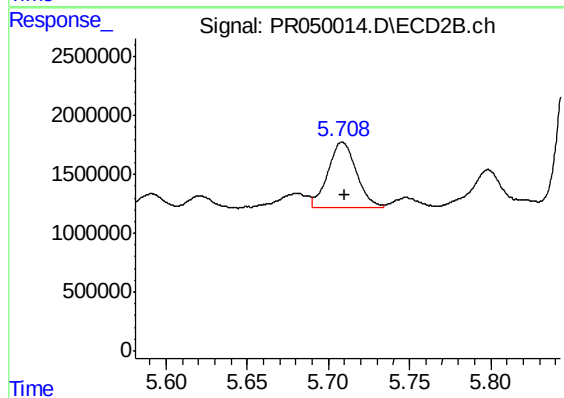
#25 AR-1248-5

R.T.: 5.709 min
Delta R.T.: -0.042 min
Response: 6877900
Conc: 22.49 ng/ml



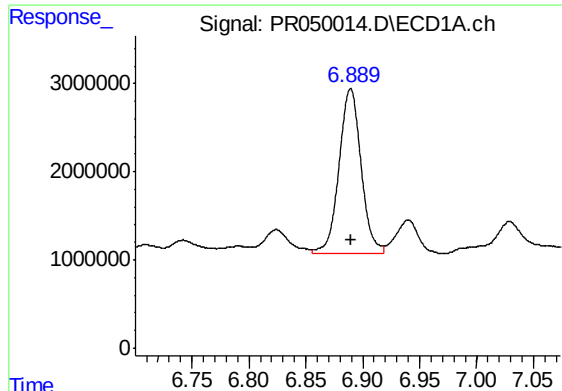
#26 AR-1254-1

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 4803369
Conc: 13.73 ng/ml



#26 AR-1254-1

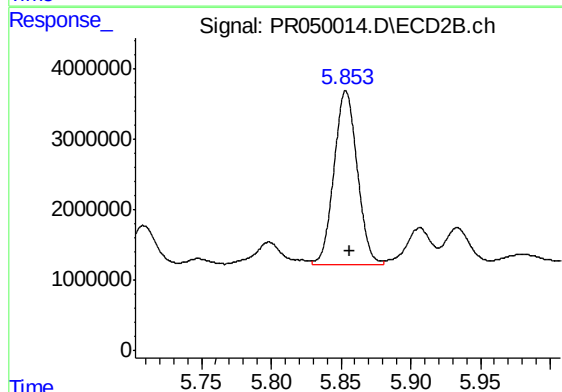
R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 6877900
Conc: 10.51 ng/ml



#27 AR-1254-2

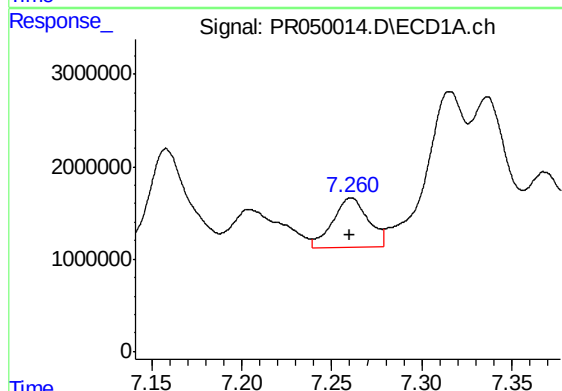
R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 25100697
Conc: 45.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



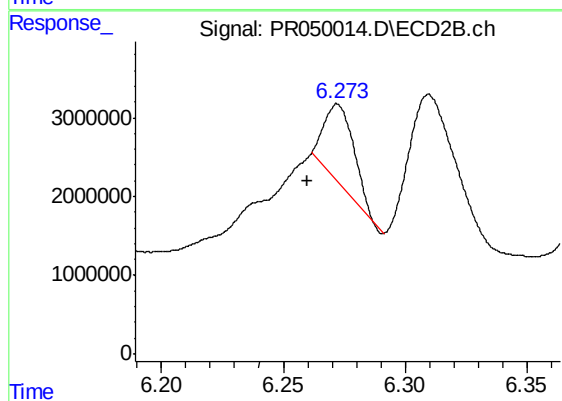
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 28625493
Conc: 50.91 ng/ml



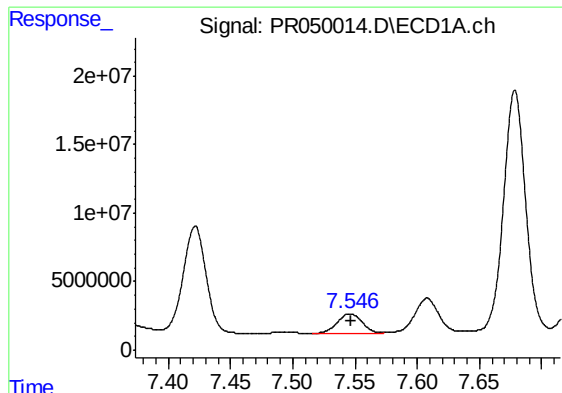
#28 AR-1254-3

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 7373715
Conc: 11.77 ng/ml



#28 AR-1254-3

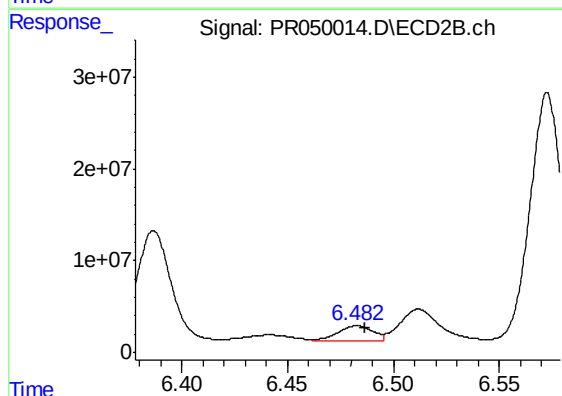
R.T.: 6.272 min
Delta R.T.: 0.012 min
Response: 8450611
Conc: 8.59 ng/ml



#29 AR-1254-4

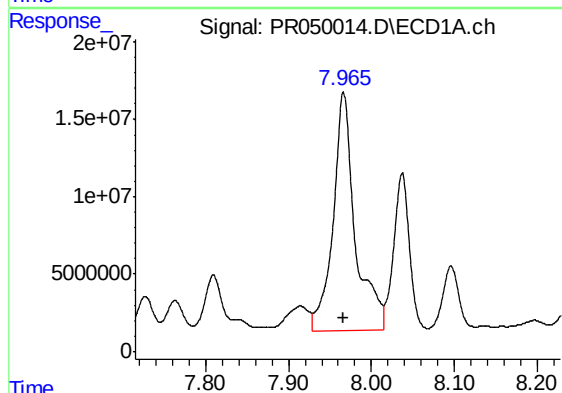
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 20800339
Conc: 43.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



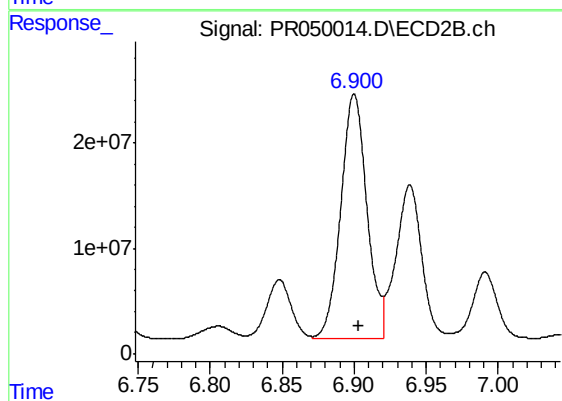
#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 17848771
Conc: 29.54 ng/ml



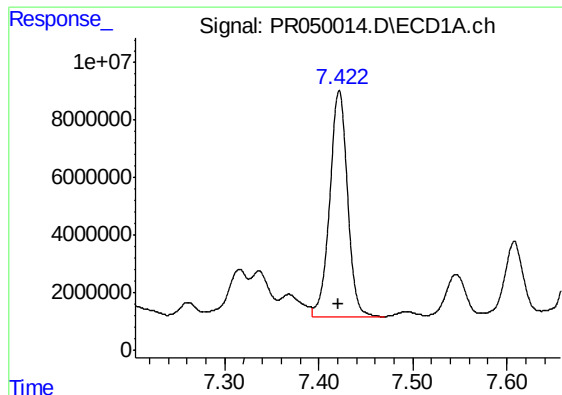
#30 AR-1254-5

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 286047063
Conc: 535.09 ng/ml



#30 AR-1254-5

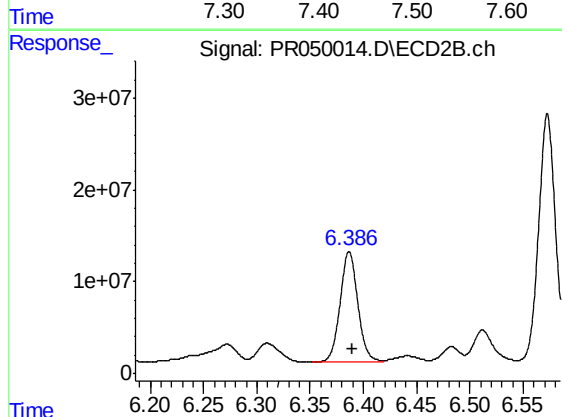
R.T.: 6.900 min
Delta R.T.: -0.004 min
Response: 293495108
Conc: 336.81 ng/ml



#31 AR-1260-1

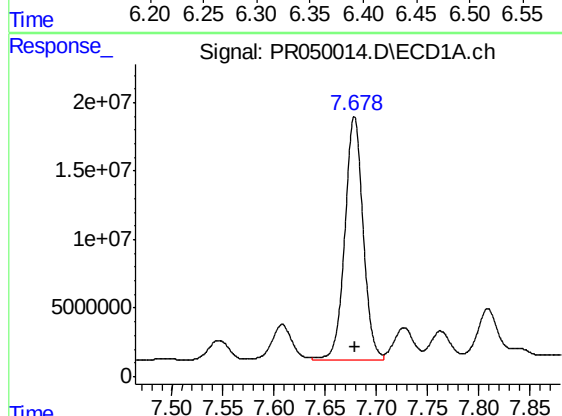
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 103556953
Conc: 364.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



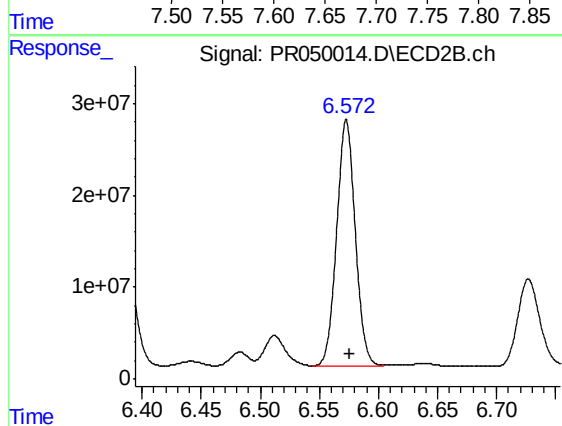
#31 AR-1260-1

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 138769491
Conc: 344.35 ng/ml



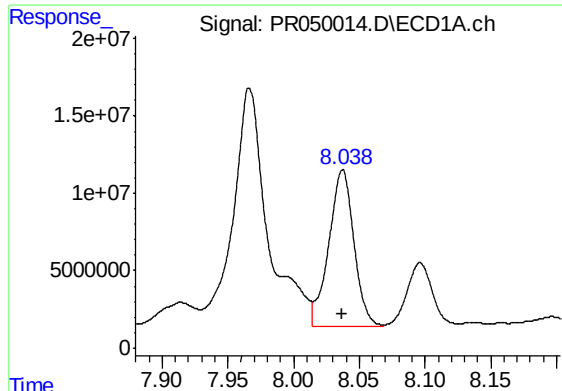
#32 AR-1260-2

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 220422200
Conc: 628.23 ng/ml



#32 AR-1260-2

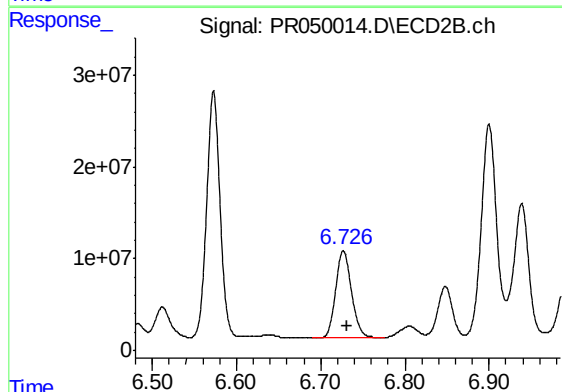
R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 296261550
Conc: 603.04 ng/ml



#33 AR-1260-3

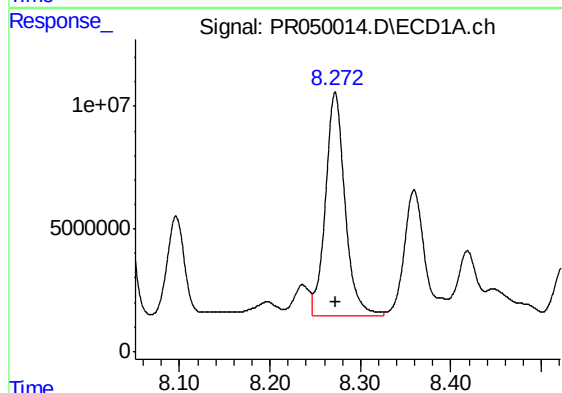
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 135177113
Conc: 493.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



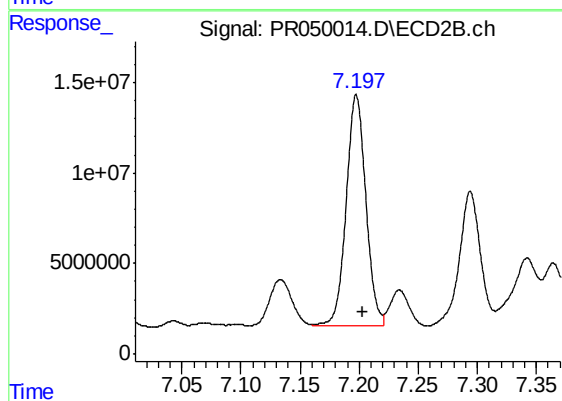
#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 122958615
Conc: 261.25 ng/ml



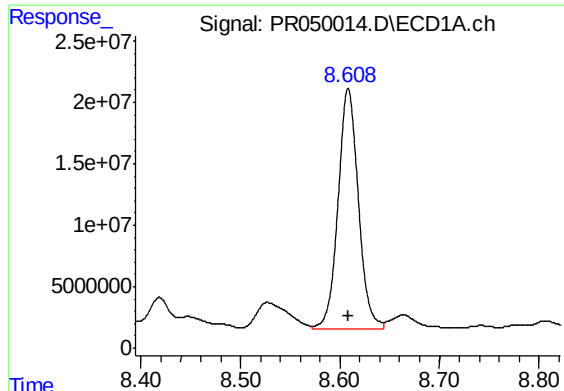
#34 AR-1260-4

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 136218639
Conc: 419.93 ng/ml



#34 AR-1260-4

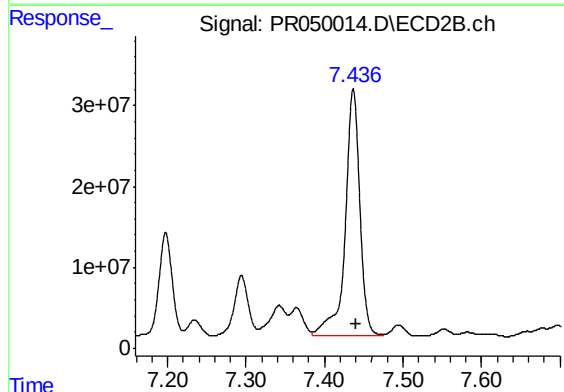
R.T.: 7.198 min
Delta R.T.: -0.005 min
Response: 147644144
Conc: 367.01 ng/ml



#35 AR-1260-5

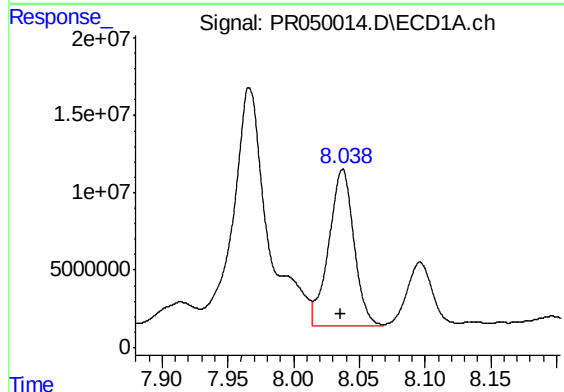
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 276899897
Conc: 408.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



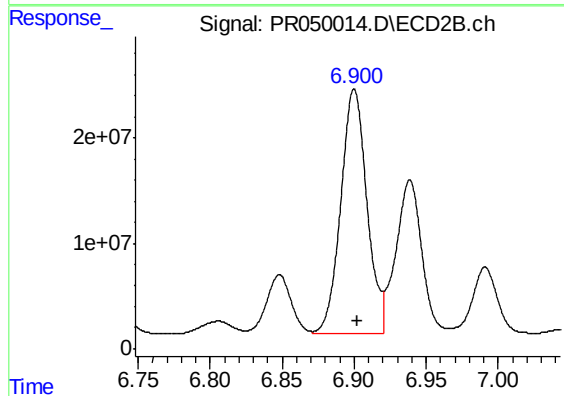
#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 397843740
Conc: 398.10 ng/ml



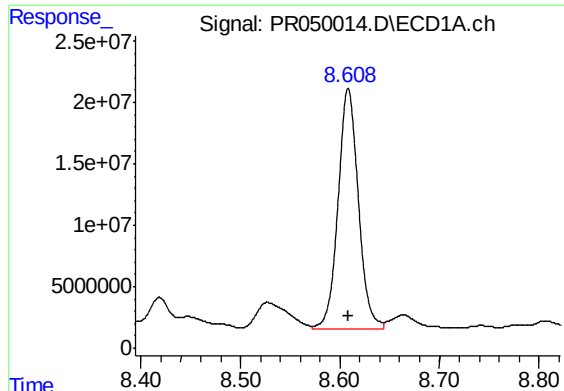
#36 AR-1262-1

R.T.: 8.037 min
Delta R.T.: 0.001 min
Response: 135177113
Conc: 275.40 ng/ml



#36 AR-1262-1

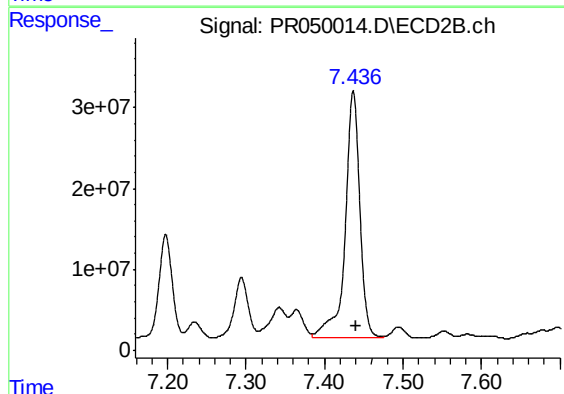
R.T.: 6.900 min
Delta R.T.: -0.002 min
Response: 293495108
Conc: 823.14 ng/ml



#37 AR-1262-2

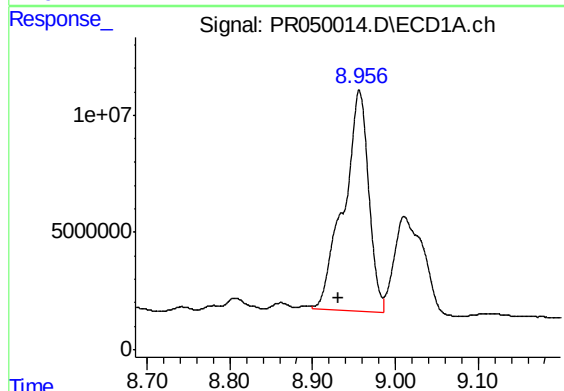
R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 276899897
Conc: 293.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



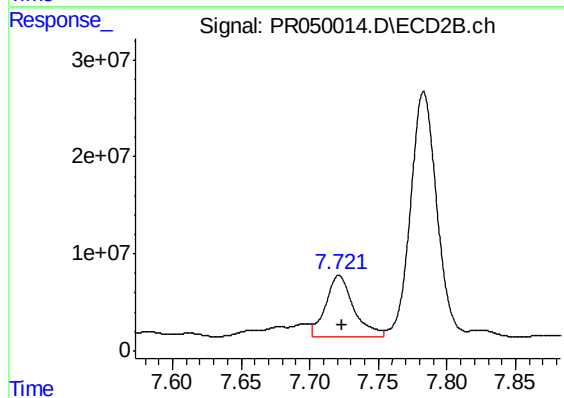
#37 AR-1262-2

R.T.: 7.437 min
Delta R.T.: -0.003 min
Response: 397843740
Conc: 303.91 ng/ml



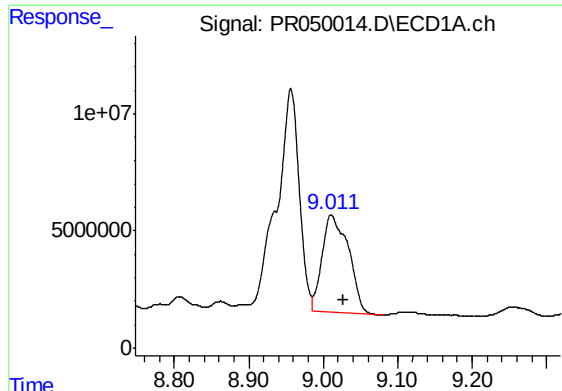
#38 AR-1262-3

R.T.: 8.956 min
Delta R.T.: 0.026 min
Response: 196901035
Conc: 315.39 ng/ml



#38 AR-1262-3

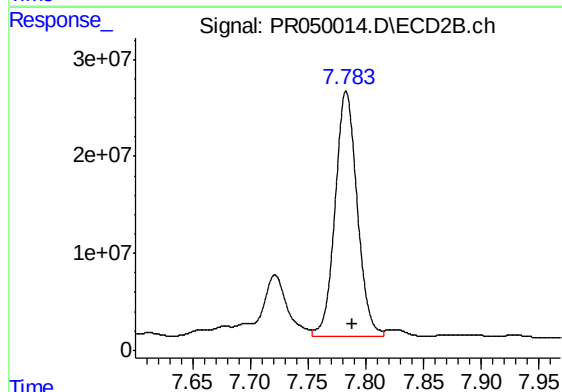
R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 90307483
Conc: 185.02 ng/ml



#39 AR-1262-4

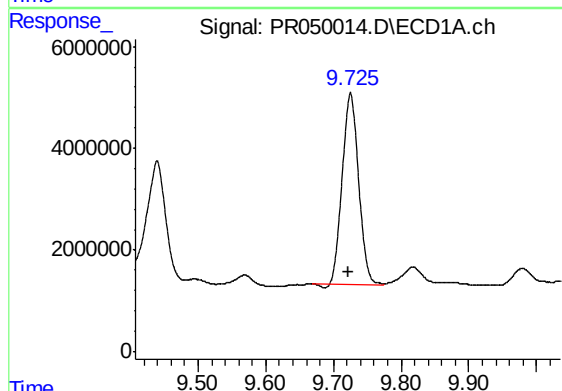
R.T.: 9.011 min
Delta R.T.: -0.016 min
Response: 101565327
Conc: 220.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



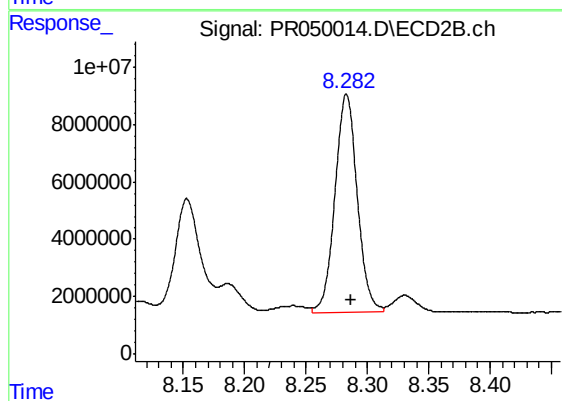
#39 AR-1262-4

R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 338056982
Conc: 351.85 ng/ml



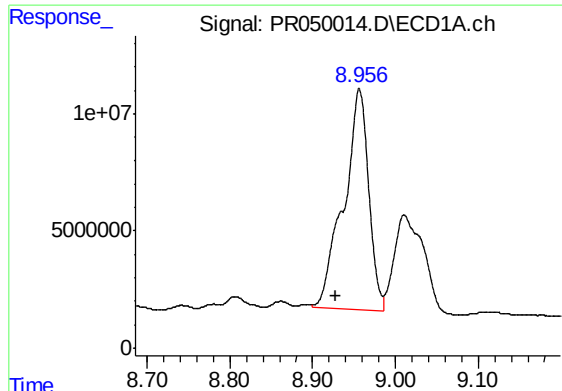
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 63187533
Conc: 187.45 ng/ml



#40 AR-1262-5

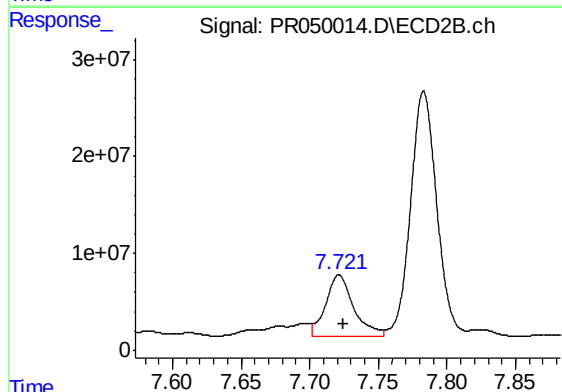
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 96525716
Conc: 223.05 ng/ml



#41 AR-1268-1

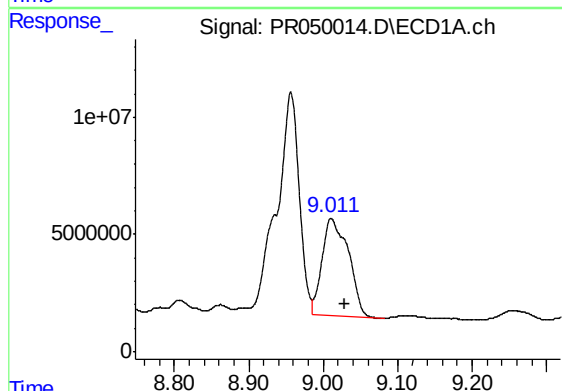
R.T.: 8.956 min
Delta R.T.: 0.028 min
Response: 196901035
Conc: 191.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



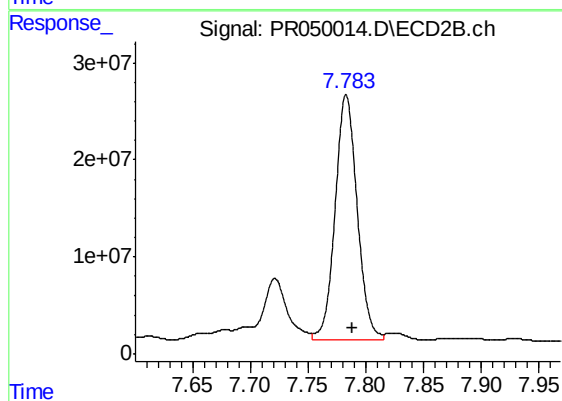
#41 AR-1268-1

R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 90307483
Conc: 65.85 ng/ml



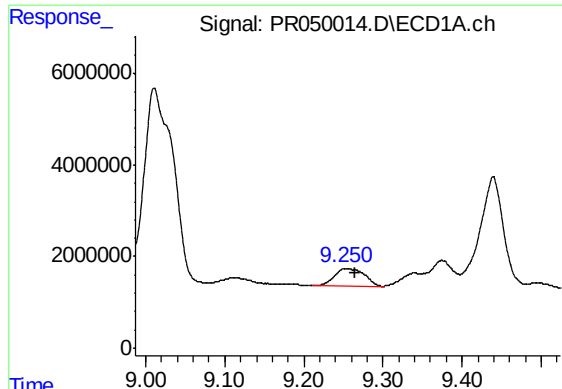
#42 AR-1268-2

R.T.: 9.011 min
Delta R.T.: -0.019 min
Response: 101565327
Conc: 108.44 ng/ml



#42 AR-1268-2

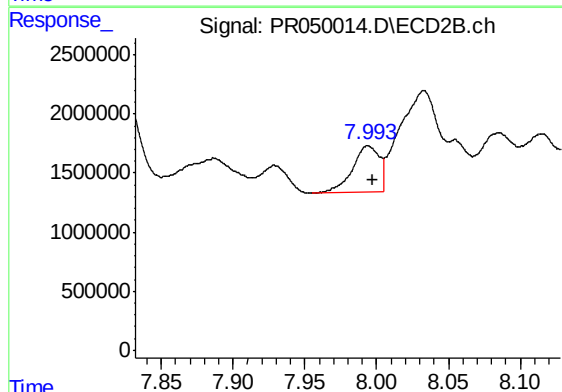
R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 338056982
Conc: 265.14 ng/ml



#43 AR-1268-3

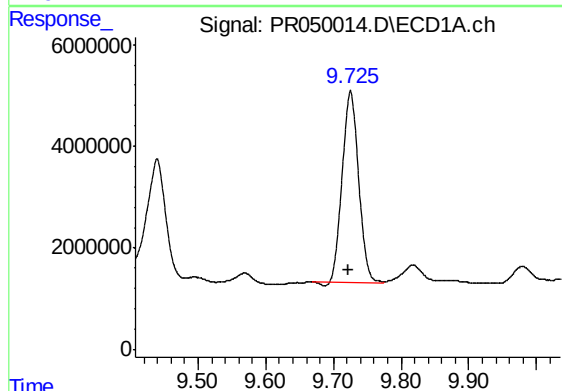
R.T.: 9.251 min
Delta R.T.: -0.013 min
Response: 10224496
Conc: 12.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



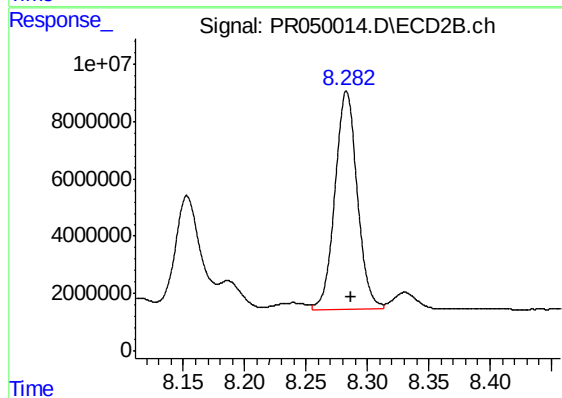
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 5048275
Conc: 4.75 ng/ml



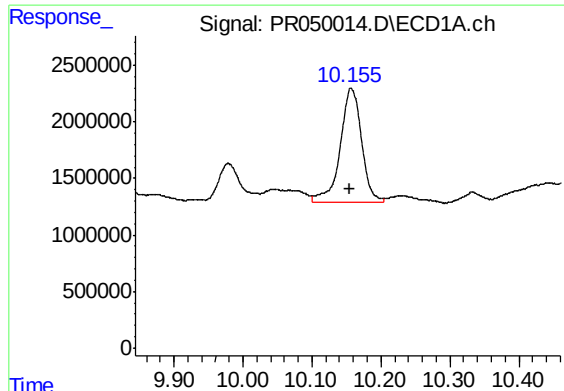
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.004 min
Response: 63187533
Conc: 180.21 ng/ml



#44 AR-1268-4

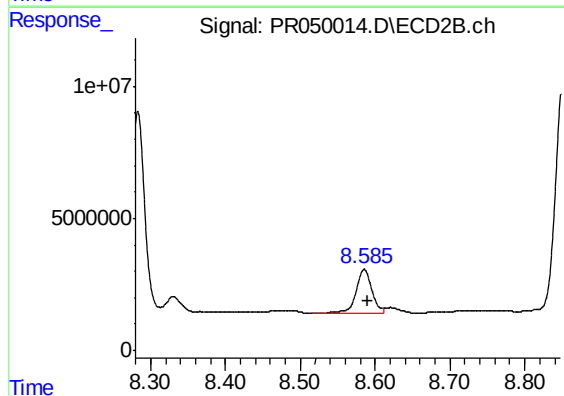
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 96525716
Conc: 212.75 ng/ml



#45 AR-1268-5

R.T.: 10.157 min
Delta R.T.: 0.002 min
Response: 21751623
Conc: 7.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
A4325



#45 AR-1268-5

R.T.: 8.586 min
Delta R.T.: -0.005 min
Response: 25271509
Conc: 7.29 ng/ml